| Index of | Claims |
|----------|--------|
|          |        |

| Application/Control No. | Applicant(s)/Patent under Reexamination. |
|-------------------------|--|
| 10/759,473              | LI ET AL.                                |
| Examiner                | Art Unit                                 |
| Brian Roberts           | 2619                                     |

|   | Rejected Allowed | - | (Through numeral)<br>Cancelled |  |  |  |  |
|---|------------------|---|--------------------------------|--|--|--|--|
| = | Allowed          | ÷ | Restricted                     |  |  |  |  |

| N | Non-Elected  | 1 |
|---|--------------|---|
| _ | Interference | ( |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla           | im             |  |              |  | [        | ate      | •        | •  |          |                |    | Г |
|---------------|----------------|--|--------------|--|----------|----------|----------|--|----------|----------------|----|---|
| Final         | Original       | 11/19/27   |              |  |          |          |          |  |          |                |    |   |
|               | 1              | 1  | 1            | -  | _        |          | $\dashv$ | $\dashv$   | -        | $\vdash$       |    | ۲ |
| $\vdash$      | 1 2 3          | ĭ  | $\vdash$     |  |          |          | $\dashv$ | $\neg$   | $\dashv$ | $\dashv$       |    | ۲ |
|               | 3              | $\mathbf{T}$                                     |              |  |          |          |          |  |          | $\neg$         |    | Γ |
|               | 4              |  | Т            |  |          |          |          |  |          | $\neg$         |    | Γ |
|               | 5              | T  |              |  |          |          |          |  |          |                |    | Γ |
| $\overline{}$ | 6              | П  | Г            |  |          |          |          |  |          |                |    | Γ |
|               | 7              | П  |              |  |          |          |          |  |          |                |    | Г |
|               | 8              |  |              |  |          |          |          |  |          |                |    | C |
|               | 9              | $\prod$  |              |  |          |          |          |  |          | Ш              |    | L |
|               | 10             | Ш  | L            |  |          |          |          |  | ٠        |                |    | L |
|               | 11             | Щ  | L            |  |          |          | Щ        |  |          |                |    | L |
|               | 12             | L  | <b>L</b>     |  | <u> </u> |          | Ш        |  |          |                |    | L |
|               | 13             | 1  | <del> </del> | _  | _        | <u> </u> | L        |  |          | <u> </u>       |    | L |
|               | 14             | 1  | ↓_           | L.   | _        |          |          |  |          |                |    | L |
| <u> </u>      | 15             | 4  | -            | _  | <u> </u> |          |          | _  |          |                |    | ŀ |
|               | 16             | 11-  | ┢            | ├  |          | _        | Н        |  | _        |                |    | H |
| ├—            | 17             | ₩  | ┝            | <u> </u>   | ├—       |          | -        | _  |          |                |    | H |
|               | 18<br>19       | ٠,   | -            | ├─   | -        | _        | -        |  |          | _              |    | ┝ |
| <del></del>   | 20             | V  | +-           | ├─   | -        |          |          |  |          |                | l  | H |
|               | 21             | V  | ╁            | ├─   |          | $\vdash$ | ┝        | _  | _        | $\vdash$       |    | H |
|               | 22             | -  | $\vdash$     | $\vdash$   |          | ┢        | -        | -  | _        | -              | ١. | ŀ |
|               | 21<br>22<br>23 | -  | H            | -  |          | $\vdash$ | -        | _  | -        | -              |    | r |
|               | 24             | <del>                                     </del> | ╁            |  | -        | $\vdash$ |          |  |          | <del>  -</del> |    | r |
|               | 24<br>25       | <b>!</b> —                                       | $\vdash$     | <del>                                     </del> | _        |          |          | _  |          |                |    | r |
|               | 26             | ┢  | 1            |  |          |          | $\vdash$ |  |          |                | 1  | ٢ |
|               | 26<br>27       | T  | Ι-           |  |          |          | Π        |  |          | Г              | 1  | r |
|               | 28             | 1  |              |  |          |          |          |  |          |                |    | Γ |
|               | 29             |  | Π            |  |          |          |          |  |          |                |    |   |
|               | 30             |  |              |  |          |          |          |  |          |                |    |   |
|               | 31             |  |              |  | L        |          |          |  |          | <u></u>        |    | L |
|               | 32             | _  |              | _  | _        | _        | <u> </u> |  |          |                |    | L |
|               | 33             |  | 1            | <u> </u>   | <u> </u> | <u> </u> |          | <u> </u>   |          | _              |    | L |
| <u> </u>      | 34             | <del> </del>                                     | 1_           | $\vdash$   | ├_       | <u> </u> |          | <u> </u>   | _        | <u> </u>       |    | F |
| <u> </u>      | 35             | $\vdash$   | <del> </del> | <u> </u>   | ⊢        | -        | -        | ⊢  | <u> </u> | <u> </u>       | ł  | H |
|               | 36             | 1  | $\vdash$     | l-   | -        | $\vdash$ |          | <del> </del>                                     | <u> </u> |                | 1  | H |
| <b></b>       | 37             | ╀  | $\vdash$     | -  | $\vdash$ | -        | ·        | ├  | _        | -              | 1  | H |
| <u> </u>      | 38<br>39       | ╁  | ╁            |  | $\vdash$ | ⊢        |          | $\vdash$   | -        | -              | 1  | ŀ |
|               | 40             | +  | ₩            | ⊢  | -        | $\vdash$ |          | <del> </del>                                     |          | -              | 1  | H |
| <b>—</b>      | 41             | +  | +            | -  | -        | $\vdash$ | -        | $\vdash$   | -        | $\vdash$       | 1  | H |
| <b></b> -     | 42             | +-   | +            | -  | -        | ┢        | -        | $\vdash$   | $\vdash$ | -              | 1  | r |
|               | 43             | +-   | +            | $\vdash$   | +-       | -        | $\vdash$ | <del>                                     </del> | $\vdash$ | $\vdash$       | 1  | r |
| $\vdash$      | 44             | T  | +-           | Т  | 1        |          |          | -  | $\vdash$ | T              | 1  | r |
|               | 45             | Т  | 1            |  | П        |          | П        | $I^-$  |          | T              | 1  | r |
|               | 46             | T  |              | Г  | Г        | 1        | Π        |  | Г        | $I^-$          | 1  | T |
|               | 47             | 1  |              | -  | T        | Γ        | Г        |  |          |                | 1  | r |
|               | 48             |  |              |  |          | L        |          |  |          |                |    |   |
|               | 49             |  |              |  |          |          |          |  |          |                |    |   |
|               | 50             |  |              |  |          | Γ        | Г        |  |          |                | 1  | ٢ |

| Cla         | im             | Date  |  |  |  |              |  |  |              |  |
|-------------|----------------|---|--|--|--|--------------|--|--|--------------|--|
|             |                |   |  |  |  |              |  |  |              |  |
| al          | Original       |   |  |  |  |              |  |  |              |  |
| Final       | rigi           |   |  |  |  |              |  |  |              |  |
| -           | Ō              |   |  |  |  |              |  |  |              |  |
| -           |                | H   |  | _  |  | -            | -  |  | -            | -  |
|             | 51<br>52<br>53 |   |  |  |  |              | -  | _  |              |  |
| <del></del> | 52             |   |  | _  | -  |              | $\vdash$   |  | $\vdash$     | $\dashv$   |
| -           | 53             |   | _  |  | _  | -            | -  | -  | _            |  |
| <u> </u>    | 54<br>55       | _   | -  |  | _  | H            | -  |  | _            | -  |
| -           | 55             |   | _  | _  |  |              | $\vdash$   |  |              | _  |
|             | 56             | _   | _  | $\vdash$   | _  |              |  |  |              | $\vdash$   |
| <b> </b>    | 57             |   |  | $\vdash$   | -  | $\vdash$     | _  | -  | _            | -  |
|             | 58             |   |  | $\vdash$   | _  | ⊢            | _  | _  |              | -  |
|             | 59             | -   | <u> </u>   | <u> </u>   | -  | _            |  | •  | -            |  |
|             | 60<br>61       | _   | _  | _  | _  | _            | _  | _  | _            |  |
| <u> </u>    | 61             | _   | <u> </u>   | <u> </u>   | ļ  | -            | _  | -  |              |  |
|             | 62<br>63       | _   | _  | ╙  |  | L            | _  | <u> </u>   | <u> </u>     |  |
|             | 63             | $\vdash$  | <u> </u>   |  | <u> </u>   | _            | _  | _  | <u> </u>     |  |
|             | 64             | L   | <u> </u>   |  | L  |              | _  |  |              |  |
|             | 65<br>66       | <u> </u>  | L  | _  | L  |              | <u> </u>   | <u> </u>   |              |  |
|             | 66             | $ldsymbol{ld}}}}}}$ |  | _  |  |              | _  | <u> </u>   |              |  |
|             | 67             |   |  |  |  | _            |  | _  |              |  |
|             | 68<br>69       |   |  |  |  |              |  |  |              |  |
|             | 69             |   |  |  |  | $oxed{oxed}$ |  |  |              | L  |
|             | 70             |   |  |  |  | L            | L  |  |              |  |
|             | 71<br>72<br>73 |   |  |  |  | <u> </u>     |  |  |              |  |
|             | 72             |   |  |  |  |              |  |  |              |  |
|             | 73             |   | Г  |  | Г  |              |  |  |              |  |
|             | 74<br>75       |   | Г  |  |  |              |  | Г  |              |  |
|             | 75             |   | П  |  |  |              | П  |  | Π            |  |
|             | 76<br>77       |   | Γ  |  | Г  |              |  |  | П            |  |
|             | 77             |   |  | Г  |  | Г            |  |  |              |  |
|             | 78<br>79       | Π   | Г  |  |  | Г            |  | Г  |              | Г  |
|             | 79             |   |  | Г  |  |              | П  | Г  |              |  |
|             | 80             |   |  | Г  |  |              |  |  |              |  |
|             | 81             |   |  | Г  |  |              | Г  |  |              |  |
|             | 82             |   |  | Г  |  |              | Т  |  |              |  |
|             | 82<br>83       | _   |  | ╁  |  |              | _  | Т  |              | _  |
|             | 84             | <del>                                     </del>  |  |  | Г  |              |  | Г  | Π            |  |
|             | 85             | 1   |  | Г  |  | Г            |  | Ι  | Γ            |  |
|             | 86             | $\vdash$  | 1  | Г  |  | Т            | 1  | Ι  | П            | Г  |
| <b>—</b>    | 87             | <u> </u>  |  | <del>                                     </del> | $\vdash$   | <del> </del> | T  | Т  | T            | <del>                                     </del> |
|             | 88             |   | Н  | $\vdash$   | $\vdash$   |              |  | Г  | $\vdash$     | Ι  |
| <b>—</b>    | 89             | $\vdash$  | Н  | 1  | $\vdash$   | <u> </u>     | $t^-$  | <del>                                     </del> | T            | $\vdash$   |
| -           | 90             | 1   | Н  | 1  | $\vdash$   | 1            | $\vdash$   | t-   | $\vdash$     |  |
|             | 91             | $\vdash$  | $\vdash$   | $\vdash$   | t  | $\vdash$     | <u> </u>   | Н  | $\vdash$     | $\vdash$   |
| -           | 92             | <del>                                     </del>  | $\vdash$   | <del> </del>                                     | 一  | ⇈            | $\vdash$   | <del>                                     </del> | $\vdash$     | $\vdash$   |
| <b></b>     | 93             | $\vdash$  | $\vdash$   | $\vdash$   | <del>                                     </del> | t            | 1  | $\vdash$   | $\vdash$     | <del> </del>                                     |
| <b>—</b>    | 94             | $\vdash$  | <del>                                     </del> | $\vdash$   | <del>                                     </del> | $\vdash$     | 1  | $\vdash$   | $\vdash$     | $\vdash$   |
|             | 95             | <del>                                     </del>  | 1  | $\vdash$   | <del> </del>                                     | $\vdash$     | <del> </del>                                     | <del>                                     </del> | $\vdash$     | <del>                                     </del> |
| $\vdash$    | 96             | <del> </del>  | -  | $\vdash$   | +-   | $\vdash$     | ┼─   | $\vdash$   | 1            | -  |
| $\vdash$    | 97             | ├   | ╁  | 1-   | $\vdash$   | -            | $\vdash$   | <del> </del>                                     | <del> </del> | <del>                                     </del> |
| -           | 98             | -   | ├  | $\vdash$   | +  | $\vdash$     | <del>                                     </del> | $\vdash$   | $\vdash$     | $\vdash$   |
| -           | 99             | -   | +-   | $\vdash$   | ├  | ╁            | ┼  | $\vdash$   | ├            | <del> </del>                                     |
| -           | 100            | -   | $\vdash$   | 1  | <del> </del>                                     | -            | +  | $\vdash$   | -            | $\vdash$   |
|             | 1100           | <u></u>   |  | Ц.   | <u></u>  | 1            | ــــــــــــــــــــــــــــــــــــــ           | <u> </u>   | 1            | <u> </u>   |

| Claim Date . |  |  |  |  |                |              | _  |  |  |                |
|--------------|--|--|--|--|----------------|--------------|--|--|--|----------------|
| Cla          | aim  |  |  |  |                | Date         | -  | _  | <u>.                                     </u>    | $\dashv$       |
| Final        | Original   |  |  |  |                |              |  |  |  |                |
|              | 101<br>102<br>103  |  |  |  |                |              |  |  |  | $\neg$         |
|              | 102  | Н  |  |  | _              | _            |  |  |  | $\neg$         |
|              | 102  | -  | _  |  |                | _            | Н  |  | -  | $\dashv$       |
|              | 103  |  |  |  | _              | _            | -  | _  |  | $\dashv$       |
|              | 104  | -  | _  |  |                | _            |  |  | Н  | $\vdash$       |
|              | 104<br>105<br>106  |  | _  | $\dashv$   |                | _            |  |  |  | Ш              |
|              | 106  |  |  |  |                |              |  |  | $\blacksquare$                                   | Ш              |
|              | 107  |  |  |  |                |              |  |  | $\vdash$   | $\blacksquare$ |
|              | 108  |  |  |  |                | _            |  | Ш  | _  | Ш              |
|              | 107<br>108<br>109<br>110   |  |  |  |                | _            |  |  |  |                |
|              | 110  |  |  |  |                |              |  |  |  | _              |
|              | 111  | _  | _  |  |                |              | $\vdash$   |  | $\Box$   | Ш              |
|              | 111<br>112<br>113  | igspace  | Щ.   |  |                | <u> </u>     | $\vdash$   | _  | _  |                |
|              | 113  | _  | <u> </u>   | Ш  |                | <u> </u>     | Ш  | L.,  | <u> </u>   | Ш              |
|              | 114  | oxdot  | _  |  |                | <u></u>      | <u> </u>   | <u> </u>   | <u> </u>   | Ш              |
|              | 115  | L  |  | <u>_</u>   | _              |              | _  |  | _  | Ш              |
|              | 116  |  |  |  |                | <u></u>      |  |  | <u> </u>   | Ш              |
|              | 114<br>115<br>116<br>117   |  |  | $oxedsymbol{oxed}$                               |                | <u> </u>     |  | <u></u>  | $\Box$   | Ш              |
|              | 118  |  |  |  |                | 匚            | 乚  | L  |  |                |
|              | 119  |  |  |  |                | <u>_</u>     |  |  |  | Ш              |
|              | 118<br>119<br>120  | L  | <u> </u>   | <u></u>  |                |              | _  | <u></u>  |  |                |
|              | 121  |  |  | _  | _              | _            | <u>_</u>   | <u> </u>   |  | Ш              |
|              | 122  | L  |  | <u> </u>   | <u> </u>       | _            | <u> </u>   | <u> </u>   |  | Ш              |
|              | 123  | L_   |  | L  | _              | _            | _  | <u>_</u>   |  | Ш              |
|              | 121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 | <u> </u>   | <u> </u>   |  |                | L.           | _  | <u>_</u>   |  | Ш              |
|              | 125  | _  | <u> </u>   |  | <u> </u>       | <u> </u>     | <b> </b>   | _  |  | Ш              |
|              | 126  | <u> </u>   | <u> </u>   | _  | L.             | <u> </u>     | -  |  | <u> </u>   | Ш              |
|              | 127  | _  | <u> </u>   | _  |                | <u> </u>     | <u> </u>   |  | -  |                |
|              | 128  | <u> </u>   | ⊢  |  | <u> </u>       | <del> </del> | ┝  | ┝  | ⊢  | -              |
|              | 129  | <u> </u>   | <u> </u>   | _  | _              | <u> </u>     | -  | -  | <u> </u>   | Н              |
|              | 130  | ┡  |  |  | _              | <u> </u>     | ⊢  | <u> </u>   | <del> </del>                                     | -              |
|              | 131  | <u> </u>   |  |  | <u> </u>       | -            | <u> </u>   | ⊢  | ⊢  |                |
|              | 132<br>133   | -  | <u> </u>   | <u> </u>   | -              | -            | ├  | ⊢  | ⊢  | Н              |
|              | 133  | $\vdash$   | $\vdash$   | <del>  -</del>                                   | $\vdash$       | -            | -  | <del>                                     </del> | ├—   | $\vdash\vdash$ |
|              | 135  | <del>  -  </del>                                 |  | Ŀ  | <del> </del> — | $\vdash$     | $\vdash$   | $\vdash$   | <del> </del>                                     |                |
|              | 136  | -  | ļ  | -  | $\vdash$       | $\vdash$     | ⊢  | -  |  | $\vdash$       |
|              | 137  | -  | ├  | $\vdash$   | $\vdash$       | ╁            | <del> </del>                                     |  | $\vdash$   | $\vdash$       |
|              | 137  |  | <del> </del>                                     | ⊢  | $\vdash$       | ╁            |  | $\vdash$   | $\vdash$   | Н              |
|              | 138<br>139   | -  | -  |  | $\vdash$       | $\vdash$     | -  | ╁┈   | -  | $\vdash$       |
|              | 140  | <del>                                     </del> | $\vdash$   | $\vdash$   | $\vdash$       | $\vdash$     | <del> </del>                                     | Η-   | <del>                                     </del> | $\vdash$       |
|              | 141  | $\vdash$   | <del> </del>                                     | $\vdash$   | $\vdash$       | $\vdash$     | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$       |
|              | 142  |  | Н  | <del>                                     </del> |                |              | $\vdash$   | $\vdash$   |  | $\vdash$       |
|              | 143  | 1  | <del>                                     </del> | 一  | T              |              | <del>                                     </del> | <del>                                     </del> | T  | Н              |
|              | 144  | $\vdash$   | <del>                                     </del> |  | Г              | П            | Г  | Г  | 1  | М              |
|              | 145  | П  |  |  |                | П            | П  | Г  | П  | П              |
|              | 146  | Г  | Ι_   | $\Box$   | Г              |              | Г  |  |  | П              |
|              | 147  |  |  | Π  | <u> </u>       | Π            | Π  | П  | П  | П              |
|              | 148  | Π  |  |  |                |              |  |  |  |                |
|              | 149  |  |  |  |                |              |  |  |  |                |
|              | 150  |  |  |  |                |              |  |  |  |                |
|              |  |  |  |  |                |              |  |  |  |                |